

Stelar Metals commences exploration at Linda Zinc to advance BHP's historic zinc discovery

HIGHLIGHTS

- **Stelar Metals has commenced exploration on the Linda Zinc targeting zinc mineralisation initially identified by BHP.**
- **Linda Zinc is 100% owned by Stelar Metals and is located the Adelaide Fold Belt in a similar geological setting to Perilya's Beltana high-grade Zinc Mine ~80km to the northwest.**
- **Linda Zinc has a comparable geological setting to the high-grade copper-zinc mineralisation at Kipushi in the Central African Copper Belt.**
- **Stelar Metals is targeting the discovery and development of critical minerals in South Australia.**

Critical minerals explorer Stelar Metals Limited (**ASX:SLB**) ("**Stelar Metals**" or the "**Company**") is pleased to announce exploration has commenced on the 100% owned Linda Zinc Project in South Australia. Linda Zinc is one of five highly prospective copper and zinc projects the Company intends to explore, committing to an aggressive exploration program in this world class mining district.

Initial reconnaissance activity by Stelar Metals is underway at Linda Zinc as satellite imagery has been acquired and processed by CSA Global using principal component and cluster analysis to define spectral anomalies. Resulting in a number of target areas across the project highlighted for ground truthing in the field in coming weeks.

Mark Allen from CSA Global is a highly regarded expert in carbonate-hosted zinc mineralising systems and has been contracted to Stelar Metals for geological mapping, interpretation, and project planning at Linda Zinc. Mark will join Colin Skidmore for fieldwork and relogging of BHP's 1984 drill core located in the South Australian Core Library scheduled to commence in late April.

A series of geological mapping, surface sampling and geochemical surveys are planned to commence shortly and continue over coming months in the lead up to the first drilling program by Stelar Metals on the Project later this year.

In preparation for upcoming field geological and geochemical surveys at Linda Zinc, Stelar Metals has also organised the acquisition of high resolution orthoimagery and LiDAR to support the planned range of exploration fieldwork.

Linda Zinc has a comparable geological setting to the high-grade copper-zinc mineralisation at Kipushi in the Central African Copper Belt and was previously explored by BHP in the 1980's following up anomalous stream-sediment anomalies (Figure 1). High-grade zinc and lead mineralisation at Linda is hosted within similar Cambrian limestone sequences as Perilya's Beltana Zinc Mine and the historic Third Plain zinc resource located only 10km along strike from Linda (Figure 2).

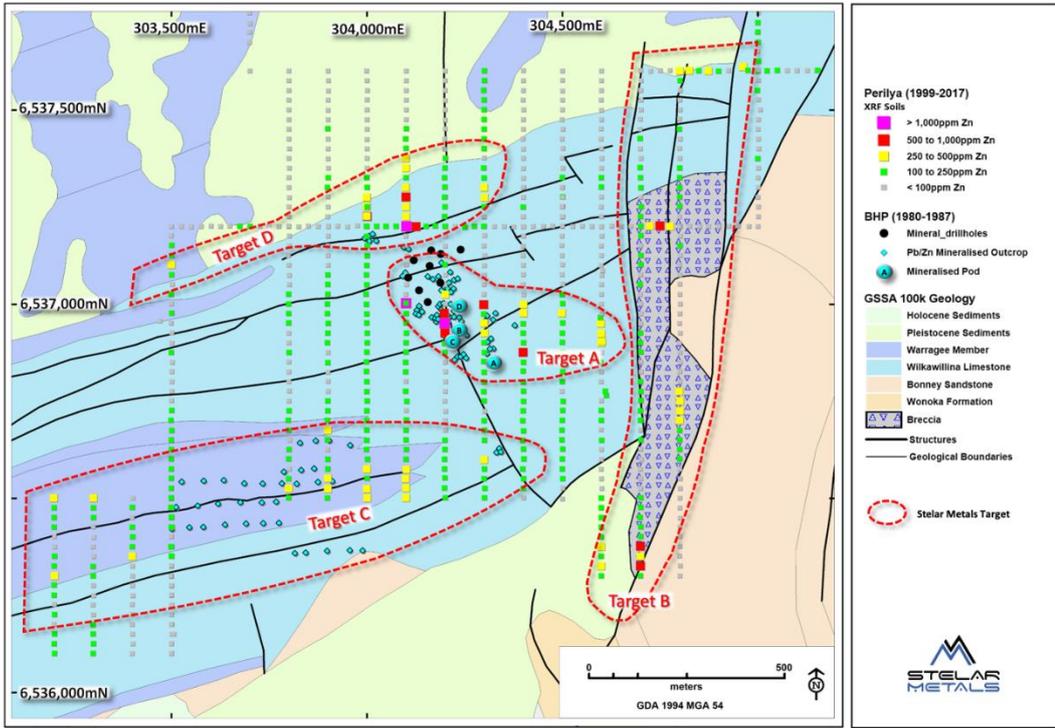


Figure 1: Prospect geology showing anomalous base-metals mapped by BHP, location of BHP's drilling (1983-1984) and Perilya's expanded soil sampling

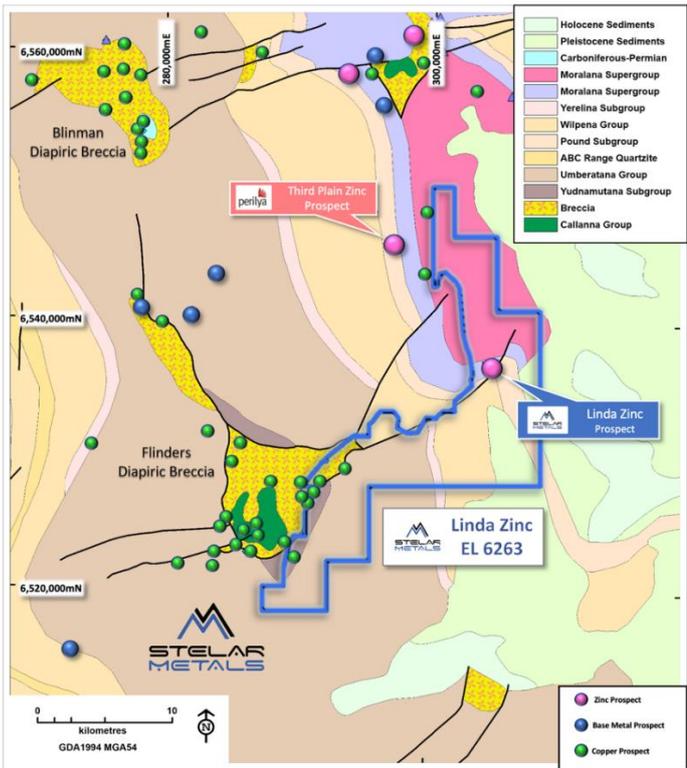


Figure 2: Linda Project Regional Geology

In the mid 1980's BHP undertook geological mapping of the Linda Zinc. Visible base-metal mineralisation was mapped within the carbonate stratigraphy at surface in several locations (Figure 2). BHP followed up with 20 shallow RC holes averaging approximate 25m depth. Two deeper diamond holes were both drilled which both intersected sphalerite mineralisation. Photographs of core in historic open-file reports clearly indicate the presence of zinc sulphide mineralisation in the form of sphalerite (Figure 3).

Importantly, Stelar has identified in the field that BHP's historic drill hole collars are some distance away and clearly did not test under the main targets.

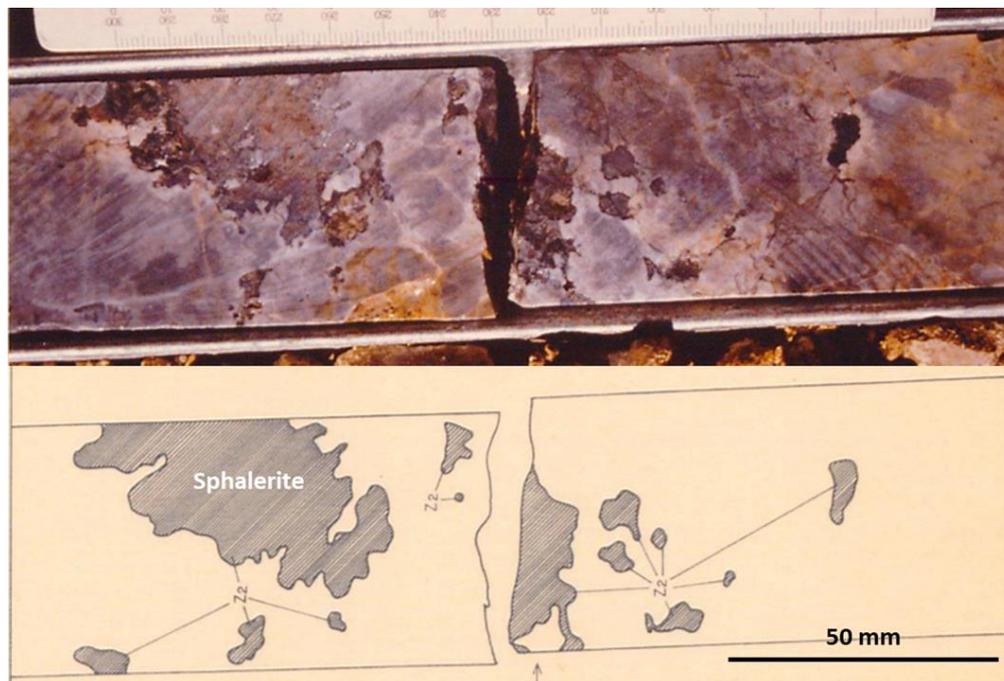


Figure 3: Example of Sphalerite (zinc sulphide mineralisation) in BHP's DLP-1 drill hole at 48m depth

Subsequent soil surveys and mapping over the broader region by Perilya have also extended the areas of zinc anomalism and to the east of the main prospect have mapped zinc anomalism associated with the margins of a diapiric breccia resulting in multiple targets for further testing (Figure 1).

Colin Skidmore, Chief Executive Officer of Stelar Metals said:

“The zinc price has doubled over the past year (figure 4), in part driven by the need for battery and renewable energy storage. New battery technologies are being developed based on zinc and have some significant advantages over other battery chemistries We are confident that zinc will play a very important role in current and future battery technology.”

“Stelar is excited to commence work on the Linda Zinc Project and is now well positioned to progress this very prospective project.”



Figure 4: Twelve-month zinc commodity spot price (source www.kitco.com.au)

APPROVED BY THE BOARD OF STELAR METALS LIMITED

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ABOUT STELAR METALS

Stelar Metals is ready to discover highly prized minerals of copper and zinc needed to drive the move to decarbonise the world and experiencing unprecedented demand. All five projects are 100% owned by Stelar Metals and are located in South Australia's premier world class exploration and mining district. The Company has an experienced exploration team with a track record of discovery success exploring for commodities that are in increasing demand.

EXPLORATION RESULTS

The information in this announcement that relates to Exploration Results is based on information compiled by Mr Colin Skidmore, a Competent Person who is a Member of the Australian Institute of Geoscientists. Mr Skidmore is a full-time employee of Stelar Metals Ltd. Mr Skidmore has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activities being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code (2012)). Mr Skidmore consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

This announcement includes information that relates to Exploration Results prepared and first disclosed under the JORC Code (2012) and extracted from the Company's initial public offering prospectus which was released on the ASX on 16 March 2022. A copy of this prospectus is available from the ASX Announcements page of the Company's website: <https://stelarmetals.com.au/>.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcement. Where the information relates to Exploration Results, the Company confirms that the form and context in which the competent person's findings are presented have not been materially modified from the original market announcement.

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